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UTILITY PATENT APPLICATION AND FEE TRANSMITTAL

(Only for new nonprovisional applications under 37 C.F.R. 1.53(b))

Attorney Docket No. 510015-272**First Inventor** Larry Coldren**Title** HEAT SPREADING LAYERS FOR VERTICAL CAVITY SURFACE EMITTING LASERS**Express Mail Label No.** EL585710205US**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

1. Fee Transmittal Form (e.g., PTO/SB/17)
*(Submit an original, and a duplicate for fee processing.)*2. Applicant claims small entity status.
See 37 CFR 1.273. Specification Total Pages 16

- Cover sheet
- Descriptive title of the invention
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure

4. Drawing(s) (35 U.S.C. 113) Total Sheets 95. Combined Declaration & Power of Attorney Total Pages 5

- a. Newly Executed (original or copy)
- b. Copy from a prior application (37 C.F.R. 1.63(d))
(for continuation/divisional with Box 18 completed)
 - i. Deletion of Inventor(s)
Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. 1.63(d)(2) and 1.33(b).

6. Application Data Sheet. See 37 CFR 1.76**ADDRESS TO:** Assistant Commissioner for Patents
Box Patent Application
Washington, D.C. 20231

- 7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
- 8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
 - a. Computer Readable form
 - b. Specification Sequence Listing on:
 - i. CD-ROM or CD-R (2 copies); or
 - ii. Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

- 9. Assignment Papers (cover sheet & documents) ✓
- 10. 37 C.F.R. 3.73(b) Statement Power of Attorney
- 11. English Translation Document (if applicable)
- 12. Information Disclosure Statement (IDS)/PTO-1449 Copies of IDS Citations
- 13. Preliminary Amendment
- 14. Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
- 15. Certified Copy of Priority Document(s)
(If foreign priority is claimed)
- 16. Nonpublication Request Under
35 U.S.C. 122(b)(2)(B)(i)

17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

Continuation Divisional Continuation-in-part (CIP) of prior application No. : _____
 Prior application information: Examiner: _____ Group Art Unit: _____

19. CORRESPONDENCE ADDRESS

<input type="checkbox"/> Customer Number or Bar Code Label	<input type="checkbox"/> New correspondence address below
--	---

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109/934791 PTO



Attorney Doc No. 20595-15
FEE CALCULATION

CLAIMS	(1) FOR	(2) NUMBER FILED	(3) NUMBER EXTRA	(4) RATE	(5) CALCULATIONS
	TOTAL CLAIMS (37 CFR 1.16(c))	20 - 31	11	\$ 18.00	\$198.00
	INDEPENDENT CLAIMS (37 CFR 1.16(b))	3	X	\$.00	\$.00
	MULTIPLE DEPENDENT CLAIMS (if applicable) (37 CFR 1.16(d))			\$0.00	
				BASIC FEE (37 CFR 1.16(a))	\$710.00
				Total of above Calculations =	\$908.00
	Reduction by 50% for filing by small entity (Note 37 CFR 1.9, 1.27, 1.28)				454.00
				TOTAL =	\$454.00

6. The Commissioner is hereby authorized to credit overpayments or charge the following fees to Deposit Account No. 16-2230:
- Fees required under 37 CFR 1.16.
 - Fees required under 37 CFR 1.17.
 - Fees required under 37 CFR 1.18.
7. A check in the amount of \$454.00 is enclosed.
8. A check in the amount of \$ 40.00 for Assignment recordation is enclosed

Accordingly, issuance of the official Filing Receipt an early date is in order and is respectfully requested.

Express Mailing Label No. EL585710191US

I hereby certify that on August 21, 2001, I am depositing this correspondence and all listed attachments with the United States Postal Service "Express Mail Post Office to Addressee," service under 37 C.F.R. § 1.10, addressed to Assistant Commissioner for Patents, Box Patent Application, Washington, D.C. 20231.


Valerie Mata

Dated: August 21, 2001



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